



DESIGN POINT DISCHARGES

DESIGN POINT	5-YEAR FLOW (cfs)	100-YEAR FLOW (cfs)
DP1	121.4	228.2
DP2	120.6	229.1
DP3	150.7	312.9
DP4	113.4	213.1
DP5	134.9	255.8
DP6	145.7	293.2
DP7	166.8	316.6
DP8	186.3	346.9
DP9 (1)	280	647

(1) PER FAIRLANE TECHNOLOGY PARK MDDP UPDATE, KIWIA ENGINEERING, 2001

A - SUB-BASIN FLOWS

SUB-BASIN NUMBER	5-YEAR FLOW (cfs)	100-YEAR FLOW (cfs)
A1	53.1	98.5
A2	5.1	9.4
A3	2.1	3.8
A4	2.4	4.4
A5	13.1	23.9
A6	18.7	34.2
A7	5.6	10.3
A8	3.5	6.4
A9	12.6	23.1
A10	19.7	35.9
A11	3.7	6.7
A12	2.7	4.9

B - SUB-BASIN FLOWS

SUB-BASIN NUMBER	5-YEAR FLOW (cfs)	100-YEAR FLOW (cfs)
B1	25.3	46.2
B2	22.9	41.9
B3	5.1	9.4
B4	4.2	7.7
B5	7.0	12.8
B6	12.2	22.2
B7	4.2	7.6
B8	3.6	6.6
B9	3.0	7.2

C - SUB-BASIN FLOWS

SUB-BASIN NUMBER	5-YEAR FLOW (cfs)	100-YEAR FLOW (cfs)
C1	22.9	41.9
C2	4.6	8.4
C3	3.7	6.7
C4	6.1	11.1
C5	10.8	19.7
C6	3.8	6.9
C7	1.6	2.9
C8	14.0	25.7
C9	1.7	3.2
C10	2.0	3.6
C11	2.5	4.6
C12	1.7	3.1
C13	8.4	15.4
C14	15.9	29.1
C15	1.6	2.9
C16	1.1	2.5
C17	7.5	13.7
C18	15.9	29.1
C19	2.3	4.3
C20	11.7	21.4
C21	3.5	6.3
C22	25.7	47.0
C23	31.8	58.1
C24	8.9	16.2
C25	3.2	5.9
C26	1.4	2.6
C27	2.0	3.6
C28	1.7	3.1
C29	22.9	41.9
C30	15.9	29.1

LEGEND

- A2 SUB-BASIN DESIGNATION
- 9.6 SUB-BASIN AREA (ACRES)
- DESIGN POINT
- DRAINAGE BASIN BOUNDARY
- FLOW DIRECTION
- FILING BOUNDARY

Kiowa Engineering Corporation
 1604 South 21st Street
 Colorado Springs, Colorado 80904
 (719) 630-7342

COLORADO CROSSING FILINGS 1 & 2
HYDROLOGY AND EXISTING DRAINAGE FACILITIES
FINAL DRAINAGE REPORT
 COLORADO SPRINGS, COLORADO

Project No.: 09045
 Date: JULY 2007
 Design: RNW
 Drawn: JLN/MFA
 Check: RNW
 Revisions:

SHEET
Fig 3
 OF 4 SHEETS